

SUMMARY

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Comparative survey of pupil's chemistry skills at the grammar schools

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Modern pedagogical sciences invoke a new approach to teaching, both in technical equipment and educational methods. In new teachers training, also in lifelong learning, computers (and everything connected with them) and active educational methods are preferred. In my survey, I examined these two statements and confront them with 'classical' teaching method. I prepared didactic tools (presentations, games, tests, advances) and I taught with them. At the end, pupils wrote a test and I evaluated it. The results of my survey do not show superiority in effectiveness of any of the methods, however, the results might be influenced by many factors. The obtained results can not be statistically significant because of a small research sample. Nevertheless, the survey shows that modern technical equipment and active education methods are more attractive for pupils and teachers as well, and they make (not only) chemistry education more interesting and enjoyable.